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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/000,239	11/02/2001	Satoru Kishimoto	70904/56651	9092

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EXAMINER

SHARMA, SUJATHA R

ART UNIT	PAPER NUMBER
2684	

DATE MAILED: 10/01/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/000,239	Applicant(s) KISHIMOTO ET AL.	
	Examiner Sujatha Sharma	Art Unit 2684	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 November 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 4-6 is/are rejected.
- 7) ☒ Claim(s) 3 and 7-12 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3/29/02</u> . | 6) <input type="checkbox"/> Other: _____ |

Specification

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1,5 is rejected under 35 U.S.C. 102(b) as being anticipated by Ri [JP 2000184023].

Regarding claim 1, Ri discloses a portable information apparatus (see fig. 2), which is of a folder type (see figs 2-4), comprising:

- a display section (212b in Fig. 3) for displaying information on one of surfaces that face each other when the portable information apparatus is folded (see fig. 3). wherein said display section is composed of an image
- display region (112 in fig. 4) and a non-image region (114 in fig. 4), where at least a part of said image display region can be seen when the portable information apparatus is folded.

See English translation, paragraphs 20,24

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Regarding claim 5, Ri further discloses a method wherein radio wave receiving condition and/or battery lasting information is displayed on the region of said image display region, which can be seen when the portable information apparatus is folded. See English translation, paragraphs 14, 25.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ri [JP 2000184023] in view of Smith [US 2002/0033836].

Regarding claim 2, Ri discloses all the limitations as claimed. However he does not disclose a method wherein at least one of a position and a size of said image display region is changed in accordance with the information displayed on said display section.

Smith, in the same field of endeavor, teaches a method where in the display orientation and configuration is changed in a PDA based on the information to be displayed. See page 1, paragraphs 6,9.

Therefore it would have been obvious to one with ordinary skill in the art at the time the invention was made to provide the above teachings of Smith to ----- in order to provide the display in a manner that is efficient and convenient for a portable or handheld device.

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6. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ri [JP 2000184023] in view of Steinhoff [US 6,088,240].

Regarding claim 4, Ri discloses all the limitations as claimed. However he does not disclose a method wherein the said transparent section including a lens for magnifying and displaying information displayed on said display section.

Steinhoff, in the same field of endeavor, discloses a portable handheld phone, which is of a folder type, and wherein the said transparent section including a lens for magnifying and displaying information displayed on said display section. See col. 2, lines 42-67.

Therefore it would have been obvious to one with ordinary skill in the art at the time the invention was made to provide the above teachings of Steinhoff to Ri in order to provide the display in a manner that is efficient and convenient for a portable or handheld device.

7. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ri [JP 2000184023] in view of Adachi [JP 409186752A].

Regarding claim 6, Ri discloses all the limitations as claimed. However he fails to disclose a method wherein said transparent section including a transparent touch panel so as to operate the portable information apparatus by pushing a predetermined region of said touch panel.

Adachi, in the same field of endeavor, teaches a method where the transparent covering includes a transparent touch panel. See abstract.

Therefore it would have been obvious to one with ordinary skill in the art at the time the invention was made to provide the above teachings of Adachi to Ri in order to provide the user with more flexibility in the use of handheld devices.

Allowable Subject Matter

8. Claims 3,7-12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claims 3,7-12 Ri discloses the portable information apparatus comprising:

- a driving section which is inherent for driving said display section; see paragraphs 20,24
- control section, which is inherent for controlling said driving section so as to display the information, when the portable information apparatus is folded, on a region of said display section, which can be seen when the portable information apparatus is in a folded state. See figs 2,4 and paragraphs 20,24

Washio [US 6,618,043] discloses an image display device and method. He further discloses

- a scanning signal line driving section for outputting to each scanning signal line a scanning signal for display, which is based on information to be displayed on said display section; See Fig. 1
- a data signal line driving section for outputting to each data signal line a data signal for display, which is based on information to be displayed on said display section; See fig. 1

However, the above two references individually or combined fail to disclose

- a setting section for setting in said display section said image display region, in which the information is displayed, and said non-image region, which is in a single color,

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- wherein said control section controls said scanning signal line driving section so as to scan the scanning signals, for display at a same time with respect to a plurality of scanning signal lines that correspond to non-image region set by said setting section.

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Takahashi [US 6,662,244] Information terminal

Shimazaki [US 2001/0049293] Information processing apparatus having display, which can be conveniently seen even when the apparatus is folded.

Lincoln [US 6,067,459] Display magnifier

Shirakawa [US 6,230,028] simplification of portable radio telephone operation

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sujatha Sharma whose telephone number is 703-305-5298. The examiner can normally be reached on Mon-Fri 7.30am - 4.00pm.

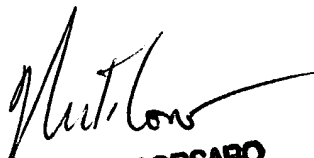
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 703-308-7745. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Sujatha Sharma
September, 18, 2004



NICK CORSARO
PRIMARY EXAMINER